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प्राधिकार से प्रकाशित PUBLISHED BY AUTHORITY

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गई दिल्ली, शनिवार, जुलाई 19, 1969 (श्रावाह 28, 1891)

No. 29]

NEW DELHI, SATURDAY, JULY 19, 1969 (ASADHA 28, 1891)

इस भाग में भिन्न पृष्ठसंख्या दी जातो ह जिससे कि यह अलग संकलन के रूप में रखा जा सके (Separate paging is given to this Part in order that it may be filed as a separate compilatoin)

भाग III--खण्ड 2

PART III—SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेंटों भीर डिकाइनों से सम्यन्यित प्रियस्थानाएं और भोदिस Notifications ककते Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 19th July 1969

NOTICE

The order issued by the Controller of Patents and Designs on the 28th June, 1969 in exercise of the powers conferred on him by sub-section (2) of Section 78D of the Indian Patents and Designs Act, 1911 is reproduced below for the information of the public:—

Government of India

Office of the Controller-General of Patents,

Designs & Trade Marks

Central Building, Maharshi Karve Road, Bombay, the 28th June, 1969

ORDER

In exercise of the powers conferred on the Controller by sub-section (2) of Section 78D of the Indian Patents & Designs Act, 1911 (2 of 1911) and in continuation of my order dated the 10th July, 1968, I, S. Vedaraman, Controller of Patents and Designs, hereby extend in respect of every application referred to in sub-section (5) of Section 78B or in subsection (4) of Section 78C of the said Act the period specified in the said Act, on the expiry of which,—

- such application for a patent shall be deemed to have been refused,
- (ii) the patents applied for in such application shall not be scaled,

upto and inclusive of the 10th day of July, 1970.

S. VEDARAMAN Controller of Patents and Designs

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

28th June 1969

- 122029. Lonza Ltd. Method for the production of acetoacetic acids.
- 122030. The Director, Indian Institute of Technology, Bombay, S. Bancrjee. Improvements in and relating to the nitriding of stainless steel.
- 122031. P. M. Mchta, Harsukhlal alias B. M. Mehta and Mrs. Shantaben M. Mehta. Transistorised wall clock with means to indicate day and date.
- 122032. Union Tank Car Company. Improved filter cartridge.
- 122033. E. H. Green. A valve assembly for dispensing metered amounts of pressurized product.
- 122034. Ciba Limited. New curable mixtures of polypoxide compounds, acid polyesters of aliphatic-cycloaliphatic dicarboxylic reids and polycarboxylic acid anhydrides.
- 122035. T. P. T. Limited. Improvements in textile carriers.
- 122036. Joseph Lucas (Industries) Limited. Electrical controls. (17th July 1968).
- 122037. Biochemic Gesellschaft mit beschrankter Haftung. Veterinary antibiotic composition containing water-soluble derivatives of pleuromutilin, [Divisional date 16th August 1967].
- 122038. Velsicol Chemical Corporation. New compositions of matter.
- 122039. Farbenfabriken Bayer Aktiengesellschaft. Monoazo dycstuffs.
- 122040. Farbenfabriken Bayer Aktiengesellschaft, N-diarylpyridyl-methyl-imidazoles and their salts.
- 122041. Farbentabriken Bayer Aktiongesellschaft. Circuit arrangement for indicating and automatically climinating short-circuits in electrolysis cells.

30th June 1969

122042. Dynamit Nobel Aktiengesellschaft. Plasticiser-containing polyvinylchloride foams.

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- 122043. Neiveli Ceramics and Refractories Limited. Improvements in or relating to sanitaryware.
- 122044. Imperial Chemical Industries Limited. Manufacture of isocyanate reaction products. (8th July 1968). [Addition to No. 105474].
- 122045. Imperial Chemical Industries Limited. Production of polyamides from aromatic diamines. (23rd July 1968).
- 122046. Agromore Limited. Improvements in or relating to anticoagulant rodenticidal compositions.
- 122047. Ugine Kuhlmann. Manufacture of nitric acid through catalytic oxidation of ammonia.
- 122048. Veb Chemicfaserwork Schwarza "Wilhelm Pieck".

 Appearatus for spinning composite multifilaments and fibres. [Addition to No. 107368].
- 122049. Chemic Grunenthal GMBH. Novel boron-containing heterocyclic compounds and process for preparing the same. [Addition to No. 113792]. [Divisional date 26th December 1967].
- 122050. Institut Francais Du Petrole, Des Carburants Et Lubrifiants. Improved process for growing algae.
- 122051. Sandoz Ltd. Azo compounds, their production and use.
- 122052. Union Tank Car Company, Improved method for cleaning a filter cartridge and apparatus therefor.
- 122053. Raytheon Company. Heat Transfer structure. (9th January 1969).
- 122054. N. V. Philips Gloeilampenfabrleken. Device for the transmission of rectangular synchronous information pulses.

1st July 1969

- 122055. M. V. Shiddhaye and S. M. Shiddhaye. An improved vegetable slicer.
- 122056. S. B. Patel. Conical foundations.
- 122057. Farbwerke Hoechst Akticngesellschaft vormals Meister Lucius & Bruning. Pesticides,
- 122058. Pharmazeutische Fabrik Montavit Gesellschaft mit beschrankter Haftung. Improvements in or relating to organic compounds. (3rd July 1968).
- 122059. Regie Nationale Des Usines Renault. Improvements in lock control devices with safety-catch feature, notably for automobiles.
- 122060. Sandoz Ltd. Improvements in or relating to organic compounds.
- 122061. The British Petroleum Company Limited. Improvements in or relating to fermenters. (26th July 1968).
- 122062. N. V. Philips Gloellampenfabrieken. Magnetisable material for detecting and/or recording electromagnetic radiation.
- 122063. Hoover Ball and Bearing Company. Conversion of metal scrap to useful products.
- 122064. Rohm and Haas Company. Preparation of novel biocidal isothiazole derivatives. [Divisional date 27th April 1968].
- 122065. L. G. McLean and J. J. Morrissey. Improvements in artificial respirator devices.
- 122066. Imperial Chemical Industries Limited. Alkanolamine derivatives.
- 122067. Imperial Chemical Industries Limited. Thermoplastic Materials containing polytetrafluoroethylene (15th July 1968).
- 122068. Farbenfabriken Bayer Aktiengesellschaft. Enrichment of polypeptides.

2nd July 1969

- 122069. S. S. Khatra. A device, operated by the weight of operator in the course of walking, used to spray fluids like insecticides etc.
- 122070. V. A. Gore. Prestressing system for concrete.
- 122071. Texaco Development Corporation. Lube oil refining

- 122072. The Scientific Advisor to Defence Minister, Govt. of India. A scrippable hot dipping plastic coating composition.
- 122073. M. B. Khuranna. A device for providing an electrical power to a load.
- 122074. Dr. Beck & Co., AG. Improvements in or relating to polyesterimide wire lacquers.
- 122075. The Dunlop Company Limited. Improvements in or relating to reinforcing sheets.
- 122076. Canadian Industries Limited. Packaging of compressible material. (11th July 1968).
- 122077. Farbenfabriken Bayer Aktiengesellschaft. Chloroglkylthiolphosphoric acid esters or ester. [Divisional date 5th April 1968].
- 122078. J. J. Booth and W. C. Branch. Mixing dispenser.
- 122079. J. J. Booth and W. C. Branch. Carbonator for drink-dispensing machine.
- 122080. J, J, Booth and W. C. Branch. Frozen beverage dispensing machine.
- 122081. Ciba Limited. New germicides.
- 122082. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Quinoline derivatives.
- 122083. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Quinoline derivatives.
- 122084. Vitamins Limited. Therapeutic compound and pharmaceutical formulation. (4th July 1968).
- 122085. N. V. Organon. Novel phenanthridine derivatives.
- 122086. Merck & Co., Inc. Production of interferon inducers,
- 122087. Pulling & Lifting Machines Private Ltd. Improvements in/or relating to a universal pulling a lifting machine.
- 122088. Ciba Limited. New α-phenyl-carbaxylic acid compounds.
- 122089, M. S. Caspe. Earthquake isolation of multistory structure.
- 122090. E. Bobkowicz and Dr. A. J. Bobkowicz. Method and apparatus for ringless spinning of fiber-polymer yarns. (2nd October 1968).

3rd July 1969

- 122091. A. R. Iyer. Improvements in or relating to work driver.
- 122092. V. V. Hate. A device for automatic control of electrically driven water pumps.
- 122093, E. Merck Aktiengesellschaft. Titanium dioxide coatings.
- 122094. The Bahnson Company. Automatic cleaning filtering apparatus.
- 122095. Ajinomoto Co., Inc. Process or producing artificial rice with enriching materials.
- 122096. Carlo Erba S.p.A. Process for the preparation of new basic ethers.
- 122097. Carlo Erba S.p.A. Process for preparation of new pyrazine derivatives.
- 122098. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Stabilized moulding compositions from polymers of α -olefins.
- 122099. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Modified polyamides and process for making them.
- 122100. Sandoz Ltd. A process for producing new copolyesters.
- 122101. FMC Corporation. Double counterbalanced marine loading arm.
- 122102, Joseph Lucas (Industries) Limited, Ignition coils. (5th July 1968).
- 122103. Consolidated Tin Smelters Limited. Flectrodeposition of metals. (6th July 1968).
- 122104. T. J. Smith & Nephew Limited. Adhesive materials. (9th July 1968),

- 122195. The Dunlop Company Limited. Improvements in or relating to pneumatic tyres. (11th July 1968).
- 122106. Snia Viscosa Societa' Nazionale Industria Applicazioni Viscosa S. p. A. Improvements in the methods and devices for the production of continuous multifilaments having a high degree of cohesion, and improved devices therefor.
- 122107. R. D. Sidhwa, A. H. Patel and T. P. Sidhwa, Decorative insulating block.

4th July 1969

- 122108. Societe De Conditionnement En Aluminium Scal GP. Apparatus for the storage and distribution of cylindrical articles.
- 122109. Halcon International Inc. Process for the dehydration of aralkanols.
- 122110. Imperial Chemical Industries Limited. Laminated materials and bags made therefrom. (22nd July 1968).
- 122111. The Dunlop Company Limited. Improvements in pneumatic tyres. (9th July 1968).
- 122112. Solvay et Cie. Improvements in or relating to a process for the polymerization and copolymerisation of olefins under low pressure, by means of a catalyst containing a compound of a transition metal.
- 122113. Joseph Lucas (Industries) Limited. Soldering apparatus. (19th July 1968).
- 122114. Council of Scientific and Industrial Research. A profilograph for checking pavement unevenness.
- 122115. Phillips Petroleum Company. Method and apparatus for the preparation of carbon black.
- 122116. Takeda Chemical Industries, Ltd. A method of producing picoline derivatives.
- 122117. Wanson (India) Private Limited. A movable, trailermounted, compact assembly for providing a continuous supply of hot water from a locational source of cold water.
- 122118. N. V. Philips Gloeilampenfabrieken. Supporting plate for objects to be subjected to a thermal treatment.
- 122119. G. M. Garde. A new method for the manufacture of zinc chloride.
- 122120. B, Krishan. Improvement in or relating to cycle locks.
- 122121. M. L. Vijay. Improvements in or relating to rotary switches.

Alteration of Date

- 113854. The claim to priority date 30th December 1966 has been abandoned and the application dated as of 29th December 1967, the date of filing in India.
- 121999, Ante-dated to 29th December 1967 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's Office in the prescribed form No 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8 Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act,

92127. Takeda Chemical Industries, Limited and Y. Hamamura. Foodstuff for silkworms. Accepted on 27th June 1969.

Containing a member selected from the group consisting of choline chloride, acetylcholine chloride, choline phosphochloride, lecithin, benzoylcholine chloride and mixture of more than one of them.

97195. Hindustan Lever Limited. Process for preparing cheese. Accepted on 5th July 1969.

Comprises treating the curd with a protease to accelerate ripening of the curd.

105430. Hindustan Lever Limited. Improvements relating to cooking fats. Accepted on 28th June 1969.

The foodstuff is feed in fat containing a proportion of a citrus oil.

105861. Council of Scientific and Industrial Research. A new method of biosynthesis of protein concentrates from gas oil. Accepted on 30th June 1969.

Comprises growing a strain of yeast belonging to the genus "Candida" on gas oil containing wax.

108091. Trest "Chai-Grusia". An apparatus and method of heat treatment of tea leaf in the production of unbroken tea. Accepted on 2nd July 1969.

A drying chamber with conveyors storeyed therein and a steam jacket being mounted on the top conveyor, said jacket being separated from said drying chamber by means of partitions.

111740. Kyowa Hakko Kogyo Co., Ltd. Process for extracting proteins from microorganisms. Accepted on 4th July 1969.

Comprises pretreating the microorganisms with an aqueous acedic solution before extraction.

111978. V. S. Rao. An oscillatory winged mechanism for flight. Accepted on 17th May 1969.

One or more pairs of oscillatory wings, the high oscillatory frequency in the wings being obtained by the interaction of the wing hook tips with the teeth of a rotating fly wheel or wheels, a high rpm in the fly wheel being effected by rotating a pedal sprocket connected to the fly wheel.

112461. N. J. Waterbury. Improved smoking article and filter therefore containing vitamin A. (10th May 1967). Accepted on 23rd June 1969.

Tobacco smoking article including a quantity of vitamin A disposed there within,

112506. Hirtenberger Patronen-, Zundhutchen-Und Metallwarenfabrik Aktiengesellschaft, Process of producing microcrystalline ammonium nitrate. Accepted on 26th June 1969.

Characterised in that the microcrystalline lipophilic ammonium nitrate is crystallized out from concentrated solutions of ammonium nitrate in the presence of salts of primary amino alkanes in an amount of 0.1-5% by weight in relation to ammonium nitrate.

112507. Hirtenberger Patronen-, Zundhutchen-Und Metall-warenfabrik Aktiengesellschaft, Explosive or blasting agent containing ammonium nitrate. Accepted on 26th June 1969.

Characterised in that oxidising sall is wholly of lipophilic crystalline ammonium nitrate or partly of lipophilic ammonium nitrate and partly of other oxidising salls in combination with a hydrocarbon mixture such as fuel oil and with or without other additives.

112541. R. G. Vaid and Kaushalyadevi Vaid. Improvements in or relating to window sections and method of manufacturing the same. Accepted on 28th June 1969.

Consisting of rolling from a sheet metal to form an upper member of a channel section, the free ends of which are extended outwardly to form extension lips and a lower member of channel section the free ends of which are bent and extended outwardly to form a double angle extension lips, sliding the lips of the upper member within corresponding lips of the lower member to form interlocked seams and seam welding or rivetting or butt welding the seams.

112596. Fisons Pest Control Limited. Improvements in the sterilization of soil, soil so sterilized and pesticidal composition therefor. (14th October 1966). Accepted on 30th June 1969.

Comprises treating packaged soil with 1, 2, 3, 4-tetraftuoro-5-nitrobenzene.

112615. Council of Scientific and Industrial Research. Improvements in or relating to starting circuit for fluorescent lamps. Accepted on 2nd July 1969.

Comprising a series connection of a pair of condensers connected at each side to a broken electrode part and to a broken electrode part or to unbroken electrode, respectively, which are in connection respectively with the terminal of current source, and a make and break device connected in parallel with one of the condensers.

112623. C. Hubacher, Firm Dr. E. Staudacher and R. Siegenthaler. A structure including a shock absorption system. Accepted on 4th July 1969.

Comprising a body and a base defining a space therebetween throughout, first damper elements positioned in the space to take up and to dampen normal light shocks and second damper element positioned in said space to take up and to dampen horizontal forces, collapsing on receipt of said having shocks.

113116. Chimiotex S. A. Novel regenerated cellulose filaments and their production by a viscose process. Accepted on 26th June 1969.

Alkali-resistant regenerated cellulose filaments being characterised by an orientation agale of 35° to 47° and a degree of organization of 0,42 to 0,48.

113612, Spectrum Diamonds (Proprietary) Limited. Apparatus for automatically developing a plurality of facets on gem stones. (20th December 1966). Accepted on 2nd July 1969.

Comprising a tang, a chuck mounted on the tang adapted to carry a gem stone, the chuck being capable of rotational motion about another axis substantially perpendicular to the tang, means for lowering the tang towards a polishing surface, means for lifting the tang away from the polishing surface, first indexing means for rotating the chuck in faceting steps, second indexing means independing of the first indexing means for orbiting the chuck control means including means for automatically operating the tang lifting means for automatically operating the first indexing means between each successively faceting operation and means for automatically operate second indexing means between at least some successive faceting operation.

133635. Velto Industries Ltd. Door latch apparatus. Accepted on 15th June 1969.

Comprising a housing having flenges adjacent opposite ends, a shaft extending through the housing, means rotatable mounting the shaft in the housing, handle means connected to the adjacent ends of the shaft, a plunger mounted and the housing and means interconnecting the shaft and the plunger.

113662. Spectrum Diamonds (Proprietary) Limited, Improvements in apparatus for controlling the movements of a component adapted to move under gravity. (20th December 1966). Accepted on 2nd July 1969.

Comprising a liquid dashpot assembly for controlling gravitational movement of the component and an upstanding tube in liquid communication with the dashpot through a flexible tube connection which can be used to adjust the position of balance of the dashpot plunger by vertical movement of the upstanding tube.

113761. Bau-Stahlgewebe G.m.b.H. Method of producing a concrete reinforcing bar. Accepted on 23rd June 1969

Characterised in that the bar is cold rolled axially to be formed at two to four places over its periphery with flattened parts, the periphery parts between the flattened parts are cold rolled to be formed with ribs.

113769. P. R. Batni. Commutator-less direct current generators and motors. Accepted on 23rd June 1969

In which the cyclindrical stator has one tier of north poles at one end and another tier of south poles at the other end and the rotor armature has a shape as of two similar rotors of salient pole alternators are mounted on a common shaft to form two rotor pole tiers,

113777. Council of Scientific and Industrial Research. Improvements in or relating to indigenous visible dye-penetrants for surface and sub-surface flaw detection. Accepted on 26th June 1969.

Containing xyline 20—50%, olelc acid 75—25% kerosene oil 5 to 25% as solvent mixture and oil soluble dye like waxoline red dye as dye.

113814. Ciba Limited. Disazo dyestuffs and processes for their manufacture. Accepted on 27th June 1969.

An azo dyestuff is reacted with a bifunctional reactive compound to form a compound which is coupled with a diazonium compound of a diazonium component,

113849. Hercules Incorporated. Solid polyphase plastic compositions and process of preparing the same. Accepted on 30th June 1969.

Comprises (a) as a continuous phase a crystal-lizable propylene polymer and (b) as a second phase a substance having theta temperature for the propylene polymer $< 150^{\circ}C$ and which can be maintained liquid at $100-250^{\circ}C$.

113852. Ole-Bendt Rasmussen. Extruded sheet material and method of making same. (30th December 1966). Accepted on 30th June 1969.

Comprises thin layer of thermoplastic polymeric material or a prepolymer, said lamellae being disrupted from one another over part of thin length constituting the disrupted layer.

113854. O.B. Rasmussen, Extruded sheet material and method of making same. Accepted in 29th June 1969.

Comprising a reinforcing polymeric material and an extrudable filling material,

113855. Foseco International Limited. Refractory heat insulating sleeve. (30th December 1966). Accepted on 1st July 1969.

Heat insulating refractory sleeve in the form of a cylinder, prism, small angle frustro cone, the wall being incomplete so that there is a gap between co-operating edges.

113877. Sumitomo Chemical Company Ltd. 2, 3, 4, 5, 6-pentachlorobenzylidenamine derivatives. Accepted on 5th June 1969.

Reacting pentachlorobenzaldehyde with a benzylamine.

113884. Ceskoslovenska akademie ved. Device for automatic washing of rapid filters. Accepted on 30th June 1969.

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Comprises washing circuit for the rapid filter located in a common tank under the clarifier with sludge blanket zone is formed, in essence of two siphons.

113891. G. I. Pshenichny, Y. Z. Checheljuk, M. A. Afanasiev and N. N. Khmara. Automatic device for the lateral cutting out of a steel band into plates for magnetic circuits of transformers. Accepted on 3rd July 1969.

Comprising an additional shear, guillotine shears, electromagnet device for removing ready plates, frame with grips.

113894. Gosudarstvenny Vsesojuzny Ordena Trudovogo Krasnogo Znameni proektny i nauchno-issledovatelsky institut tsementnoi promyshlennosti, Lining of revolving mills. Accepted on 3rd July 1969.

Armour plates have a groove in an annular direction and a hole elongated in the same direction into which enters a bolt for securing the plate to the mill body,

113895. Institut elektrosvarki im. E. O. Patona. A method of electroslag remelting of consumable electrodes and an installation for effecting same. Accepted on 3rd July 1969.

Short pulses of current are superimposed on the working current of the electrode.

113947. Footwear Company. An improved footwear commonly known as slippers or chappals. Accepted on 1st July 1969.

Footwear is manufactured as one piece unit by injection moulding a mixture of polystyrine and soft grade polyvinyl chloride and an antioxidant at 200—250°C and 15000 to 25000 p.s.i. for not exceeding 3 minutes,

113970. N. V. Philips Gloeilampenfabrieken, Method of strengthening a television display tube. Accepted on 3rd July 1969.

A metallic band and the transition region are provided with an adhesive layer containing reducing agent.

114180. Scientific Adviser to the Defence Minister, Govt of India. New process for the manufacture of refind guar gum by treatment with aqueous solution of pectin solubilising agents. Accepted on 3rd July 1969,

Which comprises the step of treating crude gum in boiling aqueous solution of pectin solubilising agents.

114256. International Flavors & Fragrances, Inc. Meat flavor compositions. Accepted on 30th June 1969

Comprises heating a mixture containing 2—amino ethane sulfonic acid and thiamine.

114288. Veb Elektro-Apparate-Werke Berlin-Treptow. Device for the protection of indicators of recording type of measuring instruments especially of point recorders. Accepted on 1st July 1969.

Comprising in that below the indicator, along the swing axis of a hoop-drop a member is connected.

114316. Dr. L. N. Mathur. Improvements in or relating to electric dental anaesthesia. Accepted on 2nd July 1969

Comprising a pair resistance colls, pair of electrode a set of electrical conversion machine galvanic cell induction colls.

114596. Scientific Design and Development Private Limited.

A device to protect polyphase installations such as three phase induction motors against possible damage due to phase failures or equivalent events. Accepted on 2nd July 1969.

Comprising a passive electrical net work, three input and output terminal multicoil relay starter relay.

114700. N. V. Philips Gioeilampenfabrieken. Pesticidal granuic, Accepted on 28th June 1969.

Finely divided TiO₂ is directly applied to granules which consists an active compound or a combination of active compound with other ingredients.

114597. Scientific Design and Development Private Limited. A three phase motor started relay with an arrangement for reversing the direction of rotation of the motor and with an inbuilt protection against possible damage to the motor due to phase failures. Accepted on 2nd July 1969,

Comprising three manual switches 3-phase A.C. relay with zero phase armature with two cores of one of which is movable.

114679. Shell Internationale Research Maatschappij N. V.
Process for the manufacture of polypivalolactone articles. (24th February 1967). Accepted on 5th July 1969.

Comprising annealing a moulded or extruded article of unstretched polypival olactone containing a nucleating agent at 140 to $230^{\circ}C$.

114836. The Dunlop Company Limited. Conductor spacers for multi-conductor electrical overhead transmission lines. (30th March 1967). Accepted on 1st July 1969.

An articulated frame comprising rigid frame elements connected by flexible rubber joint permitting movement of elements relative to one another by flexture of the rubber so as to allow each clamp limited movement in a direction transverse of the conductor.

114897. Uralsky Zavod Tyazhelogo Mashinostroenia Imeni S. Ordzhonikidze. Cone gyratory crusher. Accepted on 3rd July 1969.

A cone gyratory crusher with an eccentric drive, the eccentric shaft of which has an oblate shape through an arc of 180° to 240° from its thin side.

114906, Continental Oil Company. Method for conducting heterogeneous ionic organic reactions. Accepted on 30th Jane 1969.

Method for conducting heterogeneous organic reactions in which certain organic quaternary salts of the elements of Group VB of the periodic Table of the Elements can effectively catalyze heterogeneous reactions in which the reactants are located in distinct liquid phases by transferring ions or other reactive or functional groups across the phase interface.

114958, FMC Corporation. Production of light polarizing structure. Accepted on 2nd July 1969.

Forming a dispersion of discrete colloidal size polymer micro crystals in a non-solvent liquid medium, shaping the dispersion to form a sheet, orienting the microcrystals, and volatilizing the liquid,

115012. Hindustan Lever Limited. Process and apparatus for concentrating aqueous solutions containing volatile components. Accepted on 4th July 1969.

Comprising extracting water from aqueous solutions containing volatile components by means of a membrane wherein the solution flows as a thin liquid film over the membrane.

115093. International Standard Electric Corporation. Crosspoint operating circuit. Accepted on 3rd July 1969.

> Including cascaded switching stages each formed by matrics of electro magnetic relays, in which to set up a communication connection through the network switching means completes operating path for the relays to be used for the connection current regulating means is included in the operating path.

115177. E. Merck Aktiengescllschaft. Pesticidally-active compounds process for preparing same and compositions containing said compounds. Accepted on 1st July 1969.

A pyridine derivative is reacted with a known chlorination agent.

115271. Council of Scientific and Industrial Research. Improvements in or relating to the processes for the syntheses of hexaphenylclotrisiloxane. Accepted on 3rd July 1969.

Refluxing solutions of diphenylsilanediol in presence of a sulphonic acid catalyst in hydrocarbon solvent till water of reaction is completely removed.

115465. Toyo Koatsu Industries, Incorporated. Composition for suppressing the nitrification of ammonium nitrogen in soil. Accepted on 3rd July 1969.

Comprises an alkanoylsulfathiazole or sodium salt of sulfathiazole in admixture with a diluent or carrier, the composition containing active ingredient in an amount not exceeding 50% by weight when water or other common solvents are used.

115861. U. S. Industries, Inc. Vertical injection molding machines. Accepted on 1st July 1969.

Comprising an upper slide to have an upper die member mounted thereon, means for guiding the slide in a verticle movement between upper and lower portions, a plurality of lift cylinders having attached to the slide.

115903. Imperial Chemical Industries of Australia and New zealand Limited. Explosive compositions. (16th May 1967). Accepted on 30th June 1969.

Comprising at least one oxygen releasing inorganic salt, at least one fuel, water and at least one water-insoluble combustible cellular material in particulate form.

115916, Sumitomo Metal Industries Ltd. Iron making process and its arrangement thereof. Accepted on 2nd July 1969.

A central columnar fuel zone and concentric annular zones of ore and fuel are formed in a smelting furnace, extracting furnace gas through fuel zone, converting it into reducing gases and blowing it with oxygen.

116053. T. V. Cherian and S. Jayaram. A device for cooling pre-reduced pellets. Accepted on 1st July 1969.

Comprising a chamber having one or plurality of lances disposed therein which spray a quenchant or hot pellets discharged from furnace.

116374, Associated Lead Manufacturers Limited. Improvements in polyvinyl chloride compositions and products made therefrom, (28th June 1967). Accepted on 27th June 1969.

The composition is stabilized by incorporation therein of tetrabasic lead sulphate.

116375. Associated Lead Manufacturers Limited, Improvements in polyvinyl chloride compositions and products made therefrom, (28th June 1967). Accepted on 27th June 1969.

A mixture of dibasic lead sulphite and tetrabasic lead sulphate, the tetrabasic lead sulphate constituting from 10% to 9% of the total weight of the mixture is incorporated in the composition.

116447, M. Kitai, Method of manufacturing double faced hexagon nut. Accepted on 1st July 1969.

A strip metal in the form of a blank material was chamfered, it is stamped out by the use of upper and lower metal molds and made into a finished product by being worked from the strip metal in its continuous state up to the last.

116507. Shell Internationale Research Maatschappij N. V. Lubricant compositions. (28th June 1967). Accepted on 4th July 1969.

Consisting of lubricants and one or more salts of polyvalent metals and alkylsalicyclic acids,

116517. Institut Francais Du Petrole, Des Carburants Et Lubrifiants. Process for manufacturing catalysts particularly for hydrocracking a hydrocarbon, a catalyst so produced and process of hydrocracking with such catalysts. Accepted on 28th June 1969.

Process for manufacturing catalysts particularly for hydrocracking where active elements selected from melds of the VIA and VIII groups of the periodic chart are incorporated into a carrier comprising silica and alumina said process comprising using a carrier resulting from precipitating aluming into a suspension of a silica gel or precipitating silica into a suspension, of an alumina gel,

116672. Ordena Trudovogo Krasnogo Znameni Zavod "Avtosteklo". A method of continuous fabrication of sheet glass-crystalline materials and a plant for its realization. Accepted on 3rd July 1969.

Glass melt is shaped into strip and is heat treated prior to crystallization characterised in that the bottom surface of the strip has intercrossing rlbs formed in the course of shaping the strip,

116743. Amchem Products, Inc. Applicator for liquid chemical conversion coating material. Accepted on 3rd July 1969.

Filaments arranged in a rectangular pack and a reservoir located above said brush having a slot like capillary feed passage leading from the reservoir to communicate with the side of the pack of filament.

116890. Tea Research Association. A machine for processing tea leaf. Accepted on 4th July 1969.

Comprising a stationary cyllnder or barrel closed at one end and open at the other, said cylinder enclosing a feed worm or feed screw mounted on a rotatable shaft and a stationary sleeve adjustably fitted at the open end of the cylinder to enclose a conical or frusto-conical attachment on an extension of the rotatable shaft.

116975. Simplex Dairy Equipment Company Limited, Metal building panels and silos constructed from such panels, (14th August 1967). Accepted on 3rd July 1969,

Comprising a rectangular or square flat sheet the edges of which are provided with flanges, the flanges on two displaced parallel edges being notched at regular intervals.

117132. Ronco Limited. Improved postal franking machine. (17th August 1967). Accepted on 2nd July 1969.

Characterised in that the length of label to be issued by the machine is controlled by a Geneva wheel which is rotated alternatively either one half or one complete revolution by a rotatable member having long and short pins which engage in slots in the Geneva wheel.

117133. Roneo Limited. Improved postal franking machine.
(17th August 1967). Accepted on 2nd July 1969.

Characterised in that the ratchet teeth are of equal pltch while the pawls are unevenly spaced in a circumferential direction, so that only one of the pawls drivingly engages a tooth at any relatively rotational positioning of the driving and driven members.

117134. Roneo Limited. Improved postal franking machine. (17th August 1967). Accepted on 2nd July 1969.

Characterised in that the toothed wheel is held resiliently in each of its positions corresponding to the values transmitted to the register drum by the movable teeth by a spring loaded pawl, with the exception of the value given by the last tooth, where the pawl is held rigidly engaged with the toothed wheeel by a lever mechanism operated by a cam rotated with the printing head to prevent rotation of the toothed wheel.

117135. Roneo Limited. Improved postal franking machine.
(17th August 1967). Accepted on 2nd July 1969.

Characterised in that each toothed wheel is provided with an axial bore with gear teeth therein which are engaged by a pinion integral with a course helical screw having a co-operating nut thereon, each printing wheel being provided with a pinion which engages a toothed rack joined to each nut by a bar passing through the boll on the toothed wheel.

117165. Farbenfabriken Bayer Aktiengesellschaft. Process for dyeing and printing textile materials made of natural or regenerated cellulose. Accepted on 28th June 1969.

Co-ordinately hexavalent complex salts of trivalent cobalt, dissolved in solvents are applied to the material and subsequently developed to cobalt-phthalocyanines by an after-treatment.

117609. Ciba Limited. Pesticidal preparations. Accepted on 1st July 1969.

Comprising 0.01 to 50 percent of substituted carbamates as an active ingredient.

118314. Ciba Limited. Process for the manufacture of transparent coloured shaped structures based on regenerated cellulose with sparingly soluble dyestuffs. Accepted on 30th June 1969.

A viscose composition containing an organic pigment with —SO,NHR group in a water-soluble emulsifier and an organic solvent for dyestuff, is precipated and shaped.

118686. Mefina S. A. Thread Take-up lever assembly for a sewing machine. Accepted on 30th June 1969.

Includes a lever defining a reciprocable end for raising sewing thread and a cover with an opening.

118720. The Fertilizer Corporation of India Ltd. Manufacture of high grade fertilizers containing N-P or N-P-K by the Rock acidulation process. Accepted on 25th June 1969.

Acidulation of phosphoric acid with nitric acid and adding to the resulting slurry water soluble P₁O₁, adding vapour ammonia slowly maintaining pH between 0.9 and 5.5, adding, if required, a potassium salt a filler or adding little sulphuric acid after nitric acid acidulation and then granulating the resulting slurry,

119272. Vereinigte Osterreichische Eisen- und Stahlwerke Aktiengesellschaft. Improvements in or relating to a method of rolling bars cast in continuous casting plants. Accepted on 28th June 1969.

Rolling bars cast in continuous casting plants in a rolling mill by use of rolls having diameters which are smaller than necessary for fulfilling the bite condition.

121999. Hercules Incorporated. A composition comprising hydrocarbon waxes having polypropylene colloidally dispersed therein and process for preparing such composition. [Divisional date 29th December 1967]. Accepted on 30th June 1969.

Comprises hydrocarbon wax with 0.1 to 300% by weight of wax of polypropylene colloidally dispersed therein,

OPPOSITION PROCEEDINGS

An opposition has been entered by Karamchand Premchand Private Limited, trading as Sarabhai Chemicals to the grant of a patent on application No. 77984, made by Mead Johnson & Company.

Patents Sealed

85931.	102986.	107174.	107567.	107759.	108162	108190
			108380.			
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			109646.			
			110108			
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110854.	110990.	111525,	111650.	111706.	112016.	112120.
112169.	112324.	112399,	112641.	112796.	112867.	112940.

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Amendment Proceedings

The amendment proposed by J. H. W. Ratzer and Reads Limited in respect of patent application No. 102761 as advertised in the Gazette of India Part III, Section 2 dated the 22nd February 1969 has been allowed.

Renewal Fees Paid

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52318, 52797, 53034, 53686, 54826, 54909, 55066, 55067.
55294, 57704, 57755, 57853, 57854, 57981, 58038, 58093,
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101697, 102034, 102057, 103635, 105171, 105870, 106030,
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Restoration Proceedings

An order has been made on the 19th May 1969, restoring the patent No. 90598, dated as of the 4th November 1963, granted to Mrs. Chandanben Chandulal Dixit, for "improved filter device for cigarattee and the like".

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

- The date shown in each entry is the date of registration of the designs including the entry.
- The dates shown in croscent brackets are the dates claimed under Section 78-A of the Act,
- Class 1, No. 134937. Obmer & Sons, an Indian Partnership firm duly registered under the Indian Partnership Act. 258. Firere Road, Bombay-I, State of Maharashtra, India, "A metallic strip for use in insignias, decorations and the like." December 12, 1968.
- Class 1. Nos. 134953 to 134960, and 134962 to 134965.

 Ariff Mohamed Taher, An Indian Citizen, Soho
 House, Lohar Street, Bombay-2, Maharashtra,
 India. "A die set", December 17, 1968.
- Class 1. No. 135014. Rex Auto Products (India), 3060, Bahadur Garh Road, Delhi, Indian Partnership concern, "Mirror", December 28, 1968.
- Class 1. Nos. 135059 to 135062. Girling Limited, a British Company, Kings Road, Tyseley. Birmingham 11, England, "A combined plate and pads for use in the construction of a disc brake", July 8, 1968, (U.K.).
- Class 1. Nos. 135054 and 135055. Naba Kumar Routh, an Indian National, 78. Netaji Subhas Road. Calcutta-7. West Bengal, India, "Mortar", January 2, 1969.
- Class 1. No. 135109. Jindal (India) Private Ltd., an Indian Company. 23. West Patel Nagar, New Delhi-8, "Almirah handle", January 10. 1969.
- Class I. No. 135110. Jindal (India) Private Ltd., an Indian Company, 23, West Patel Nagar, New Delhi-8, "Curtain rail end stop", January 10, 1969.
- Class 1. No. 135111. Jindal (India) Private Ltd., an Indian Company. 23, West Patel Nagar, New Delhi-8, "Bracket", January 10, 1969.
- Class 1. No. 135112. Jindal (India) Private I.td., an Indian Company. 23. West Patel Nagar, New Delhi-8, "Hinge for Window stay", January 10, 1969.
- Class 1, No.135115, Jindal (India) Private Ltd., an Indian Company, 23, West Patel Nagar, New Delhi-8, "Handle", January 10, 1969.
- Class I. No. 135116. Jindal (India) Privato Ltd., an Indian Company, 23, West Patel Nagar, New Delhi-8, "Triple bus beading", January 10, 1969.
- Class 1. No. 135153. Prakash Udyogalaya, an Indian Partnership firm, 196, Gaiwadi Girgaum, Bombay-4, Maharashtra, "Strainer", January 15, 1969.
- Class 1. No. 135154. Swingline Inc., a New York Corporation, 32-00 Skillman Avenue, Long Island City, New York, United States of America, "An embossing tool or similar article", January 15, 1969.
- Class 1, No. 135308. Bhavsinh Morarji Tanna, an Indian National, House No. 58-B, Walkeshwar Road, Bombay-6, State of Maharashtra, India, "A tubular battery eliminator", February 18, 1969.
- Class 1. No. 135381. Ishwarlal Libadhar Mehta, Govind Bhavan, 262-D Malavia Road, Vile Parle East, Bombay 57 AS, Maharashtra, India, Indian, "Reading-cum-writing desk or table or bench", March 3, 1969.
- Class 1. No. 135386, Subramaniam Sethuraman (Asias S. S. Raman), 18/397, 8th Road, Chembur, Bombay 71, Maharashtra State (India), "Cycle main frame", March 6, 1969.
- Class 1. No. 135558. Forward Auto Industries, 265/10/ 35A. Raghubar Pura No 2. Gandhi Nagar, Delhi-31, a partnership firm registered under the Indian Partnership Act, 1932, "Restrovisor mirror", April 2, 1969.
- Class 1. No. 135500. Maya Panchal Industries, a registered partnership firm, 216A, Falkland Road, Khetwadi 10th Lane, Bombay-4. (Maharashtra), "Containers", March 17, 1969,

- Class 1. No. 135504. Noble Electric Company (an Indian Partnership Firm), 23, Kala Industrial Estate, Opp. Shangrila Biscuit Co., Agra Road, Bhandup, Bombay-78 (Maharashtra), "Idle sancha" (container), March 19, 1969.
- Class 1, No. 135525. Sica Industrial Corporation is Array Road, Goregaon (West), Bombay-62, Maharashtra, Indian Firm, "Bracket", March 21, 1969.
- Class 1, No. 135526, International Automatics, Dholandas Mansions, 2nd Floor, Near Kemp's Corner, Bombay-26, Maharashtra, a partnership firm, "Baby-Cycle", March 21, 1969.
- Class 3. No. 134944, Ramachandra Rao, An Indian Citizen, Chemist Meher Pharma Vikas Estate of Arrey Road, Goregaon East, Bombay-63, AS, Maharashtra, India, "Bottle", December 16, 1968.
- Class 3. Nos. 135043 to 135046. Record Electricals Private Ltd., a Company registered in India, Record House, 30 Industrial Estate, Mahama Gandhi Road, Kandivli. Bombay-67, State of Maharashtra, India, "A Switch cover", December 31, 1968.
- Class 3. No. 135047. Record Electricals Private Ltd., a Company registered in India, Record House, 30 Industrial Estate, Mahatma Gandhi Road. Kandivli, Bombay-67, State of Maharashtra, India, "A fuse bridge", December 31, 1968.
- Class 3. No. 135117. Trikuta Rubber Mills, Jammu Tavi, Jammu & Kashmir, an Indian Partnership firm, "Rubber mats for scooters", January 10, 1969.
- Class 3. No. 135409. Jg Glass Industries Ltd., Pimpri, Poona-18, State of Maharashtra, India, an Indian Company, "Cup for vacuum flasks", March 10, 1969.
- Class 3. Nos. 135497. and 135498. Polyset Corporation, Old Bush Radio Compound, Chakala, Andheri East, Bombay-69, Maharashtra, a registered Indian partnership firm, "Containers", March 17, 1969.
- Class 3. No. 135503. Sudhir Sumantial Shah, An Indian Cltizen, Narayan Sadan, Ground Floor, Shivaji Park, No. 5, Mahim, Bombay-16 DD, Maharashtra, India, "A sleeve for screws", March 19, 1969.
- Class 3. No. 135520. Crown Auto Products, 31P/7B, Gali No. 4, Industrial Area, New Rohtak Road, New Delhi-5, (an Indian Partnership Firm), "Rear view mirror", March 21, 1969.
- Class 3. No. 135557. Vinis Products (an Indian Partnership Firm), 54, Abdul Rehman Street, Bombay-3, (Maharashtra), "Container", March 31, 1969.
- Class 3, Nos. 135761 to 135778. Maps & Atlases Publications Private Ltd., 395/2, G.S.T. Road, Pallavaram, Madras, India, an Indian Company, "Playing cards", May 6, 1969.
- Class 4. No. 134950. Manohar Industries Nanded (Maharashtra), Nationality an Indian Partnership concern, "A device for permitting rapid fall of water", December 17, 1968.
- Class 4. No. 135512. Vincent & Company Private Limited, No. 6, Madurai Road. Tiruchirapalli-1, Madras State, India, an Indian Company, "Bottles", March 20, 1969.
- Class 5, No. 135407. Pearl Homi Karai, an Indian National, A-8, Gool Mahal, Sleater Road, City of Bombay, State of Maharashtra, India, "Toy spinning disch", March 10, 1969.
- Class 5. No. 135539. Unilever Limited, a Company registered under the laws of Great Britain, Port Sunlight, Birkenhead, Cheshire, England, "Carton", March, 25, 1969.
- Class 5. Nos. 135743 to 135760. Maps & Atlases Publications
 Private Ltd., 395/2, G.S.T. Road, Pallavaram,
 Madras, India, an Indian Company, "Playing
 cards", May 6, 1969.

- Class 10. No. 135408. Bien Plastics, an Indian Partnership firm, Hamam House, Hamam Street, City of Bombay, State of Maharashtra India, "Footwear", March 10, 1969.
- Class 10. No. 135488. Bien Plastics, an Indian partnership firm, Hamam House, Hamam Street, City of Bombay, State of Maharashtra, India, "Footwear", March 15, 1969.
- Class 10. Nos. 1335514 and 1335518. Bharat Swiss Footwear,
 Company Private Limited, an Indian company
 incorporated under the Companies Act (I of 1956),
 41 New Marine Lines, Bombay, State of Maharashtra, India, "Footwear", March 20, 1969.
- Class 13 Nos. 135802 to 135804 and 135806, 135807 and 135809. Jiyajeerao Cotton Mills Ltd., Indian Company Birlanagar (Gwalior), "Textile goods" May 12, 1969.
- Class 13. Nos. 135865 to 135873. Shree Ram Mills Ltd., Fergusson Road, Lower Parel, Bombay 13, Maharashtra, Nationality—Indian Company, "Textile goods", June 2, 1969.

- Class 13. Nos. 135899 to 135904. Calico Dyeing & Printing Mills (P) Ltd., Industrial Estate, 41E, Dr. Ambedkar Road, Lalbaug, Bombay 12, Nationality—Indian Business concern (Private Limited company), "Textile goods including silk and Art-Silk piece-goods", June 9, 1969.
- Class 13. Nos. 135965 to 135969. The Crown Spg. & Mfg. Co., Ltd., Sir Vithaldas Chambers, 16, Apollo Street, Fort, Bomaby 1, Maharashtra, Nationality—Indian Company, "Textile goods", June 20, 1969.
- Class 13, Nos. 136054 to 136059. The Khatau Makanji Spg. & Wvg. Co., Ltd., Laxmi Building, 6 Ballard Road, Bombay 1, Indian Company, "Textiles piece-goods", June 25, 1969.
- Class 14. No. 135808. liyajeerao Cotton Mills Ltd., Indian Company, Birlanagar (Gwalior), "Textile goods", May 12, 1969.

S. VEDARAMAN, Controller General of Patents, Designs and Trade Marks.